

**Amendments to the Claims:**

The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-11 (canceled).

12. (new) A heat-generating cement body, comprising:  
a cement body having a specified shape, which cement body contains granular or powder-like carbon material, the carbon material being initially contained in un-hardened concrete or mortar at a specified ratio, and then pressed by a high-pressure press to remove moisture therein and to form the specified shape; and  
electrodes arranged in the cement body at both sides of the cement body, the electrodes being capable of passing electric current through the inside of the cement body.

13. (new) The heat-generating cement body of claim 12 that is formed entirely into a tile shape.

14. (new) The heat-generating cement body of claim 12, wherein the cement body is covered on an outer surface with insulation.

15. (new) The heat-generating cement body of claim 13, wherein the cement body is covered on an outer surface with insulation.

16. (new) The heat-generating cement body of claim 14, wherein the electrodes are embedded inside the cement body.

17. (new) A heat-generating cement body, comprising:  
concrete or mortar in which granular or powder-like carbon material is distributed uniformly at a ratio of 1.3 % weight to 10 % weight; and  
wherein electrodes are embedded inside in order that electric current may flow freely in the concrete or mortar.

18. (new) A heat-generating cement tile comprising the heat-generating cement body of claim 12, wherein un-hardened concrete or mortar on at least one side of said heat-generating cement body is pressed by a high-pressure press to integrate the heat-generating cement body with the concrete or mortar into a tile shape.

19. (new) A heat-generating cement tile comprising the heat-generating cement body of claim 17, wherein un-hardened concrete or mortar on at least one side of said heat-generating cement body is pressed by a high-pressure press to integrate the heat-generating cement body with the concrete or mortar into a tile shape.

20. (new) A heat-generating cement tile comprising the heat-generating cement body of claim 12, wherein the cement body is embedded inside concrete or mortar.

21. (new) A heat-generating cement tile comprising the heat-generating cement body of claim 17, wherein the cement body is embedded inside concrete or mortar.

22. (new) A method for manufacturing a heat-generating cement body, the method comprising the acts of:

arranging a pair of electrodes parallel with each other inside a form in sections near both ends of the form;

mixing granular or powder-like carbon material into un-hardened concrete or mortar at a specified ratio and then mixing with water and pouring the mixture into the form; and

pressing the poured concrete or mortar with a high-pressure press to remove moisture.

23. (new) A method for manufacturing a heat-generating cement body, the method comprising the acts of:

arranging a pair of electrodes parallel with each other inside a form in sections near both ends of the form;

mixing granular or powder-like carbon material into un-hardened concrete or mortar at a specified ratio and then mixing with water and pouring the mixture into the form;

pressing the poured concrete or mortar with a high-pressure press to remove moisture and to form the heat-generating cement body entirely into a tile shape.

24. (new) A method for manufacturing a heat-generating cement body, the method comprising the acts of:

arranging a pair of electrodes parallel with each other inside a form in sections near both ends of the form;

mixing granular or powder-like carbon material into un-hardened concrete or mortar at a specified ratio and then mixing with water and pouring the mixture into the form;

pressing the poured concrete or mortar with a high-pressure press to remove moisture and form the heat-generating cement body;

connecting electric wires to both end sections of each of the electrodes of the heat-generating cement body and placing the heat-generating cement body inside a concave section that is formed on a top surface of a base so that there is space between the underneath surface and surfaces around the circumference of the heat-generating cement body and the bottom surface and inner surfaces of the concave section, such that the top surface of the heat-generating cement is

dropped below the edges around the opening of the concave section on the top surface of the base; and

pouring melted insulating resin or plastic into the concave section and letting it harden, whereby a heat-generating cement body whose outer surfaces are covered with insulation is obtained.

25. (new) A method for manufacturing a heat-generating cement tile, the method comprising the acts of:

arranging a pair of electrodes parallel with each other inside a form in sections near both ends of the form;

mixing granular or powder-like carbon material into un-hardened concrete or mortar at a specified ratio and then mixing with water and pouring the mixture into the form;

pressing the poured concrete or mortar with a high-pressure press to remove moisture and form the heat-generating cement body;

connecting electric wires to both end sections of each of the electrodes of the heat-generating cement and placing the heat-generating cement body inside a concave section that is formed on a top surface of a concrete or mortar tile-shaped member so that there is space between the underneath surface and surfaces around the circumference of the heat-generating cement body and the bottom surface and inner surfaces of the concave section, such that the top surface of the heat-generating cement body is dropped below the edges around

the opening of the concave section on the top surface of the tile-shaped member;

and

after pouring melted insulating resin or plastic into the concave section and letting it harden, pouring un-hardened concrete or mortar on top of the heat-generating cement inside the concave section, wherein the concrete or mortar is allowed to harden so as to be integrated with the tile-shaped member and the heat-generating cement body.